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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Dilu Cecilia Zhang  
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Signature of depositor

\* \* \*

TRANSMITTAL LETTER

The Commissioner of Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**ATTN: Mail Stop Patent Applications**

Sir:

Transmitted herewith for filing is the patent application  
of: Paris Smaragdis

FOR: METHOD AND SYSTEM FOR SEPARATING MULTIPLE SOUND SOURCES FROM  
MONOPHONIC INPUT WITH NON-NEGATIVE MATRIX FACTOR DECONVOLUTION

Enclosed are:

- [19] pages of specification, claims and abstract
- [4] sheets of formal drawings
- [X] Declaration and Power of Attorney
- [X] Assignment of the application
- [X] Information Disclosure Statement

The filing fee is calculated as follows:

	NUMBER FILED	CLAIMS AS FILED NUMBER EXTRA	LARGE ENTITY	AMOUNT
Basic Fee				\$ 770.00
Total Claims	14	-20 =	x 18.00	\$ .00
Independent Claims	2	-3 =	\$80.00	\$ .00
Assignment Recording Fee			40.00	\$ 40.00
Multiple Dependent Claim Fee			270.00	
Other				
TOTAL FEE				\$ 810.00

- [X] Please record the accompanying Assignment.
- [X] Please charge Deposit Account No. 50-0749 in the amount of \$ 810.00 for filing fees.
- [ ] Check in the amount of \_\_\_\_\_ for Filing Fee.
- [X] The Assistant Commissioner for Patents is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 50-0749.

All future correspondence should be addressed to:

Patent Department  
Mitsubishi Electric Research Laboratories, Inc.  
201 Broadway  
Cambridge, Massachusetts 02139

Duplicate copies of this letter are enclosed.

Respectfully submitted,  
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

By: \_\_\_\_\_

Andrew J. Curtin  
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Attorney for Assignee

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